Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of reducing carbon monoxide concentration of mixed gas containing hydrogen, carbon monoxide and oxygen, comprising:

preparing a carbon monoxide removing device having a carbon monoxide concentration reducing catalyst in which ~~a transition metal element is included and~~ a carbon monoxide adsorption amount is adjusted from ~~0.1 to 3~~ 0.189 to 2.741 mL/cat.g, wherein the carbon monoxide concentration reducing catalyst comprises: 5 weight percent of a first component selected from the group consisting of iron, cobalt, nickel, manganese, and copper; and 0.5 to 2 weight percent of a second component selected from the group consisting of platinum, rhodium, ruthenium, palladium, lanthanum, neodymium, cerium, and praseodymium; and

supplying the mixed gas to the carbon monoxide removing device at a space velocity of 15000 to 300000 h^{-1} and a temperature of 100 to 300 °C.

2. (Original) A method of reducing carbon monoxide concentration according to claim 1, wherein the carbon monoxide concentration in the mixed gas is 0.1 to 2 vol% and oxygen concentration in the mixed gas is 0.5 to 1.5 molar times the carbon monoxide concentration.

3. (Currently Amended) A method of reducing carbon monoxide concentration according to claim 1, wherein ~~the carbon monoxide concentration reducing catalyst contains at least one element selected from the group consisting of iron, cobalt, nickel, copper, and manganese as the transition metal element which is a first component, and~~

~~the carbon monoxide concentration reducing catalyst contains a second component,~~ ~~and~~ a contained amount of the second component is 0.05 to 0.2 molar times a contained amount of the first component.

4. (Currently Amended) A method of reducing carbon monoxide concentration according to claim 3, wherein the second component is a noble metal element selected from the group consisting of platinum, rhodium, ruthenium, and palladium.

5. (Canceled)

6. (Original) A method of reducing carbon monoxide concentration according to claim 3, wherein the second component is a rare-earth element selected from the group consisting of lanthanum, neodymium, cerium, and praseodymium.

7. (Canceled)

8. (Previously presented) A method of reducing carbon monoxide concentration according to claim 3, wherein the carbon monoxide concentration reducing catalyst is a monolithic catalyst substrate, and the contained amount of the second component is 2g or less per liter of the monolithic catalyst substrate.

9. (Original) A method of reducing carbon monoxide concentration according to claim 1, wherein the mixed gas is reformed gas obtained by reforming a fuel containing a hydrocarbon.

10. (Original) A method of reducing carbon monoxide concentration according to claim 1, wherein the mixed gas includes exhaust gas of an internal combustion engine.

11. (Previously Presented) A method of reducing carbon monoxide concentration according to claim 4, wherein the noble metal element is platinum.

12. (Currently Amended) A method of reducing carbon monoxide concentration of mixed gas containing hydrogen, carbon monoxide and oxygen, comprising:

supplying the mixed gas to a carbon monoxide removing device at a space velocity of 15000 to 300000 h^{-1} and a temperature of 100 to 300 °C;

wherein the carbon monoxide removing device comprises a carbon monoxide concentration reducing catalyst in which ~~a transition metal element is included and~~ a carbon monoxide adsorption amount is adjusted from ~~0.1 to 3~~ 0.189 to 2.741 mL/cat.g, wherein the carbon monoxide concentration reducing catalyst comprises: 5 weight percent of a first component selected from the group consisting of iron, cobalt, nickel, manganese, and copper; and 0.5 to 2 weight percent of a second component selected from the group consisting of platinum, rhodium, ruthenium, palladium, lanthanum, neodymium, cerium, and praseodymium.